

CLAIMS

What is claimed is:

1. A method for administering devices, the method comprising:

receiving a plurality of user metrics;

5 creating a relational metric in dependence upon the plurality of user metrics;

creating a user metric vector comprising at least one user metric and at least one relational metric;

10 creating a user metric space comprising a plurality of metric ranges;

determining whether the user metric vector is outside the user metric space;

if the user metric vector is outside a user metric space, identifying an action;
15 and

executing the action.
2. The method of claim 1 wherein creating a relational metric in dependence upon the plurality of user metrics comprises filtering the user metrics.
3. The method of claim 2 wherein creating a relational metric in dependence upon the plurality of user metrics comprises determining a relationship

between a first filtered user metric and a second filtered user metric.

4. The method of claim 3 wherein determining a relationship between a first filtered user metric and a second filtered user metric comprises comparing a first filtered user metric with a second filtered user metric.
5. The method of claim 3 wherein creating a relational metric in dependence upon the plurality of user metrics comprises determining a magnitude of the relationship between the first filtered user metric and the second filtered user metric.
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6. The method of claim 1 wherein creating relational metric in dependence upon the plurality of user metrics comprises determining whether the plurality of user metrics match a predefined metric pattern.
7. The method of claim 6 comprising retrieving a relational metric, if the plurality of user metrics match the predefined metric pattern.
8. The method of claim 1 wherein creating a user metric vector comprising at least one user metric and at least one relational metric comprises associating at least one user metric with the user metric vector and associating at least one relational metric with the user metric vector.

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9. The method of claim 1, wherein identifying an action comprises:

determining a user's location; and

- 5 selecting an action ID in dependence upon the user's location.
10. The method of claim 9, wherein identifying an action comprises:
- determining user movement; and
- 5 selecting an action ID in dependence upon the user movement.

11. A system for administering devices, the system comprising:
- means for receiving a plurality of user metrics;
- 5 means for creating a relational metric in dependence upon the plurality of user metrics;
- means for creating a user metric vector comprising at least one user metric and at least one relational metric;
- 10 means for creating a user metric space comprising a plurality of metric ranges;
- means for determining whether the user metric vector is outside the user metric space;
- 15 if the user metric vector is outside a user metric space, means for identifying an action; and
- means for executing the action.
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12. The system of claim 11 wherein means for creating a relational metric in dependence upon the plurality of user metrics comprises means for filtering the user metrics.
13. The system of claim 12 wherein means for creating a relational metric in dependence upon the plurality of user metrics comprises means for determining a relationship between a first filtered user metric and a second

filtered user metric.

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14. The system of claim 13 wherein means for determining a relationship between a first filtered user metric and a second filtered user metric comprises means for comparing a first filtered user metric with a second filtered user metric.

15. The system of claim 13 wherein means for creating a relational metric in dependence upon the plurality of user metrics comprises means for determining a magnitude of the relationship between the first filtered user metric and the second filtered user metric.

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16. The system of claim 11 wherein means for creating relational metric in dependence upon the plurality of user metrics comprises means for determining whether the plurality of user metrics match a predefined metric pattern.

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17. The system of claim 16 comprising means for retrieving a relational metric, if the plurality of user metrics match the predefined metric pattern.

18. The system of claim 11 wherein means for creating a user metric vector comprising at least one user metric and at least one relational metric comprises means for associating at least one user metric with the user metric vector and means for associating at least one relational metric with the user metric vector.

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19. The system of claim 11, wherein means for identifying an action comprises:

means for determining a user's location; and

- 5 means for selecting an action ID in dependence upon the user's location.
20. The method of claim 19, wherein means for identifying an action comprises:
- means for determining user movement; and
- 5 means for selecting an action ID in dependence upon the user movement.

21. A computer program product for administering devices, the computer program product comprising:

a recording medium;

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means, recorded on the recording medium, for receiving a plurality of user metrics;

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means, recorded on the recording medium, for creating a relational metric in dependence upon the plurality of user metrics;

means, recorded on the recording medium, for creating a user metric vector comprising at least one user metric and at least one relational metric;

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means, recorded on the recording medium, for creating a user metric space comprising a plurality of metric ranges;

means, recorded on the recording medium, for determining whether the user metric vector is outside the user metric space;

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if the user metric vector is outside a user metric space, means, recorded on the recording medium, for identifying an action; and

means, recorded on the recording medium, for executing the action.

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22. The computer program product of claim 21 wherein means, recorded on the recording medium, for creating a relational metric in dependence upon the

plurality of user metrics comprises means, recorded on the recording medium,
for filtering the user metrics.

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23. The computer program product of claim 22 wherein means, recorded on the recording medium, for creating a relational metric in dependence upon the plurality of user metrics comprises means, recorded on the recording medium, for determining a relationship between a first filtered user metric and a second filtered user metric.

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24. The computer program product of claim 23 wherein means, recorded on the recording medium, for determining a relationship between a first filtered user metric and a second filtered user metric comprises means, recorded on the recording medium, for comparing a first filtered user metric with a second filtered user metric.

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25. The computer program product of claim 23 wherein means, recorded on the recording medium, for creating a relational metric in dependence upon the plurality of user metrics comprises means, recorded on the recording medium, for determining a magnitude of the relationship between the first filtered user metric and the second filtered user metric.

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26. The computer program product of claim 25 wherein means, recorded on the recording medium, for creating relational metric in dependence upon the plurality of user metrics comprises means, recorded on the recording medium, for determining whether the plurality of user metrics match a predefined metric pattern.

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27. The computer program product of claim 26 comprising means, recorded on the recording medium, for retrieving a relational metric, if the plurality of user metrics match the predefined metric pattern.
28. The computer program product of claim 21 wherein means, recorded on the recording medium, for creating a user metric vector comprising at least one user metric and at least one relational metric comprises means, recorded on the recording medium, for associating at least one user metric with the user metric vector and means, recorded on the recording medium, for associating at least one relational metric with the user metric vector.
29. The computer program product of claim 21, wherein means, recorded on the recording medium, for identifying an action comprises:
- means, recorded on the recording medium, for determining a user's location;
- and
- means, recorded on the recording medium, for selecting an action ID in dependence upon the user's location.
30. The computer program product of claim 29, wherein means, recorded on the recording medium, for identifying an action comprises:
- means, recorded on the recording medium, for determining user movement;
- and
- means, recorded on the recording medium, for selecting an action ID in

dependence upon the user movement.